

U.S. Department of Commerce, Patent and Trademark Office <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> OFFICE MAR 15 2006 PATENT & TRADEMARK OFFICE </div>				Docket No.: 5640/C01/DISPLAY/AHRDWR/RKK		Serial No.: 10/736,196	
IS THIS RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)				Applicants: Emanuel Beer and Kenneth E. Baumel			
Filing Date: December 15, 2003				Group: 1734			

Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
<div style="font-size: 2em;">↓</div>	US-1	2,831,951	G.B. Desloge	<div style="font-size: 4em;">X</div>	<div style="font-size: 4em;">X</div>	<div style="font-size: 4em;">X</div>	
	US-2	3,759,662	Bengel et al.				
	US-3	3,978,815	Carrara				
	US-4	4,015,558	Small et al.				
	US-5	4,376,672	Wang et al.				
	US-6	4,427,378	Bowers				
	US-7	4,497,364	Cheadle et al.				
	US-8	4,531,047	Canfield et al.				
	US-9	4,531,074	Nagy et al.				
	US-10	4,586,898	Orbeck				
	US-11	5,017,131	Sato et al.				

Foreign Patent Documents							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	
<div style="font-size: 2em;">↓</div>	F-1	JP 61161710 A	Japan	<div style="font-size: 4em;">X</div>	<div style="font-size: 4em;">X</div>	Abstract		
	F-2	JP 01082453 A	Japan			Abstract		
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<div style="font-size: 2em;">↓</div>	OT-1 Sybil P. Parker, Chief Editor, "McGraw-Hill Encyclopedia of Physics", Second Edition, McGraw-Hill, Inc., pg 205-212, 1993. OT-2 WATLOW, "Heated Parts (Cast-in and IFC)", www.watlow.com, Printed 3/29/01. OT-3 WATLOW, "Functional Components Custom Design For Your Application", www.watlow.com, Watlow Electric Manufacturing Company, 1998.

Examiner KARLA MOORE	Date Considered 5/12/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
<div style="font-size: 2em;">W</div>	US-12	5,108,792	Anderson et al.	<div style="font-size: 4em;">X</div>	<div style="font-size: 4em;">X</div>	<div style="font-size: 4em;">X</div>	
	US-13	5,121,705	Sugino				
	US-14	5,172,849	Barten et al.				
	US-15	5,215,315	Belter				
	US-16	5,256,061	Cress				
	US-17	5,294,572	Granneman et al.				
	US-18	5,441,768	Law et al.				
	US-19	5,512,320	Turner et al.				
	US-20	5,601,686	Kawamura et al.				
	US-21	5,607,009	Turner et al.				
	<div style="font-size: 2em;">V</div>	US-22	5,614,055				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
F-6								
F-7								
F-8								
F-9								
F-10								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<div style="font-size: 2em;">W</div>	OT-4 Ivan Noels, "Thermal Conductivity of the Elements", http://le-village.iffrance.com/okapi/thermal_conductivity.htm , Printed 3/30/01.
<div style="font-size: 2em;">X</div>	<div style="font-size: 2em;">X</div>
<div style="font-size: 2em;">X</div>	<div style="font-size: 2em;">X</div>

Examiner KARLA MOORE	Date Considered 5/18/06
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U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
<div style="text-align: center;"> ↓ </div>	US-23	5,769,952	06/23/98	Komino			
	US-24	5,861,107	01/19/99	Buysch et al.			
	US-25	5,865,896	02/02/99	Nowak et al.			
	US-26	5,928,732	07/27/99	Law et al.			
	US-27	5,950,328	09/14/99	Ichiko et al.			
	US-28	5,980,991	11/09/99	Sakamoto et al.			
	US-29	6,000,227	12/14/99	Kroeker			
	US-30	6,037,574	03/14/00	Lanham et al.			
	US-31	6,054,688	04/25/00	Moschini			
	US-32	6,261,091	07/17/01	Sakamoto et al.			
	US-33	6,284,006	09/04/01	Siefering et al.			

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
F-11								
F-12								
F-13								
F-14								
F-15								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-7	
OT-8	
OT-9	

Examiner <div style="font-size: 1.2em; font-family: cursive;">KARLA MOORE</div>	Date Considered <div style="font-size: 1.2em; font-family: cursive;">5/12/04</div>
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